

**Set Name Query**  
**side by side**

**Hit Count Set Name**  
**result set**

*DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L1</u>	dupire-marc\$.in. or michel-jacques\$.in.	32	<u>L1</u>
<u>L2</u>	(polypropylene or propylene) and L1	8	<u>L2</u>
<u>L3</u>	(dispersion or polydispersity or molecular weight distribution) and L2	1	<u>L3</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 1 of 1 returned.**☐ 1. Document ID: US 6331265 B1

L3: Entry 1 of 1

File: USPT

Dec 18, 2001

US-PAT-NO: 6331265

DOCUMENT-IDENTIFIER: US 6331265 B1

TITLE: Reinforced polymers

DATE-ISSUED: December 18, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Dupire; Marc	Mons			BE
Michel; Jacques	Seneffe			BE

US-CL-CURRENT: [264/289.3](#); [264/119](#), [264/120](#), [264/280](#), [264/288.4](#), [264/319](#), [264/340](#)

Full	Title	CLS.1	REF.1	SEQ.1	ATT.1

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Term	Documents
DISPERSION.DWPI,TDBD,EPAB,JPAB,USPT.	353395
DISPERSIONS.DWPI,TDBD,EPAB,JPAB,USPT.	62399
POLYDISPERSITY.DWPI,TDBD,EPAB,JPAB,USPT.	5384
POLYDISPERSITIES.DWPI,TDBD,EPAB,JPAB,USPT.	517
POLYDISPERSITYS	0
MOLECULAR.DWPI,TDBD,EPAB,JPAB,USPT.	557970
MOLECULARS.DWPI,TDBD,EPAB,JPAB,USPT.	235
WEIGHT.DWPI,TDBD,EPAB,JPAB,USPT.	1603583
WT.DWPI,TDBD,EPAB,JPAB,USPT.	597766
DISTRIBUTION.DWPI,TDBD,EPAB,JPAB,USPT.	742866
DISTRIBUTIONS.DWPI,TDBD,EPAB,JPAB,USPT.	43906
((DISPERSION OR POLYDISPERSITY OR MOLECULAR WEIGHT DISTRIBUTION) AND L2).USPT,JPAB,EPAB,DWPI,TDBD.	1

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**Set Name Query**

side by side

**Hit Count Set Name**

result set

*DB=USPT,JPAB,EPAB,DWPI,TDBD; PLUR=YES; OP=ADJ*

<u>L1</u>	melt dispersion index or polydispersity or poly dispersity or molecular weight distribution	23673	<u>L1</u>
<u>L2</u>	molecular weight distribution breadth or "Mz/Mn" or ("z" average molecular with number average molecular)	279	<u>L2</u>
<u>L3</u>	molecular weight distribution breadth or "Mz/Mn" or ("z" average molecular same number average molecular)	352	<u>L3</u>
<u>L4</u>	l1 and L3	247	<u>L4</u>
<u>L5</u>	(polypropylene or poly propylene propylene with polymer or propylene with copolymer) and L4	152	<u>L5</u>
<u>L6</u>	(multimodal or multi modal or bimodal or bi modal or \$modal) and L5	39	<u>L6</u>

END OF SEARCH HISTORY

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 1 through 10 of 39 returned.**☐ 1. Document ID: US 6300258 B1

L6: Entry 1 of 39

File: USPT

Oct 9, 2001

US-PAT-NO: 6300258

DOCUMENT-IDENTIFIER: US 6300258 B1

TITLE: Nonwovens treated with surfactants having high polydispersities

DATE-ISSUED: October 9, 2001

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Stano; Dana Elizabeth	Lilburn	GA		
Quincy, III; Roger Bradshaw	Cumming	GA		

US-CL-CURRENT: 442/118

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 2. Document ID: US 6031055 A

L6: Entry 2 of 39

File: USPT

Feb 29, 2000

US-PAT-NO: 6031055

DOCUMENT-IDENTIFIER: US 6031055 A

TITLE: Olefin polymerization using aluminoxane/chromium catalysts

DATE-ISSUED: February 29, 2000

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Auburn; Pamela R.	Kingwood	TX		
Beach; David L.	Kingwood	TX		

US-CL-CURRENT: 526/127; 526/129, 526/156, 526/160, 526/165, 526/86

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RMC	Draw Desc	Image
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☐ 3. Document ID: US 6017665 A

L6: Entry 3 of 39

File: USPT

Jan 25, 2000

US-PAT-NO: 6017665

DOCUMENT-IDENTIFIER: US 6017665 A

TITLE: Charge generation layers and charge transport layers and organic photoconductive imaging receptors containing the same, and method for preparing the same

DATE-ISSUED: January 25, 2000

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Grune; Guerry L.	Virginia Beach	VA		
Harris; Richard R.	Virginia Beach	VA		

US-CL-CURRENT: 430/58.2; 252/501.1, 430/135, 430/56

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 4. Document ID: US 5401427 A

L6: Entry 4 of 39

File: USPT

Mar 28, 1995

US-PAT-NO: 5401427

DOCUMENT-IDENTIFIER: US 5401427 A

TITLE: Viscosity index improver

DATE-ISSUED: March 28, 1995

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: 508/241; 508/507, 525/227, 525/284, 525/285, 525/293, 525/296, 525/300, 525/301, 525/302, 525/306, 525/307, 525/308, 525/309, 525/312

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC	Draw Desc	Image
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☐ 5. Document ID: US 5348673 A

L6: Entry 5 of 39

File: USPT

Sep 20, 1994

US-PAT-NO: 5348673

DOCUMENT-IDENTIFIER: US 5348673 A

TITLE: Multifunctional viscosity index improver derived from amido-amine and degraded ethylene copolymer exhibiting improved low temperature viscometric properties

DATE-ISSUED: September 20, 1994

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Gutierrez; Antonio	Mercerville	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: 508/236; 585/10, 585/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	KWC	Draw Desc	Image
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☐ 6. Document ID: US 5312556 A

L6: Entry 6 of 39

File: USPT

May 17, 1994

US-PAT-NO: 5312556

DOCUMENT-IDENTIFIER: US 5312556 A

TITLE: Multifunctional viscosity index improver derived from polyamine containing one primary amine group and at least one tertiary amine group and degraded ethylene copolymer

DATE-ISSUED: May 17, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: 508/241; 508/248, 508/507, 525/285, 525/301, 525/327.6, 525/327.7, 525/329.5, 525/329.6, 525/329.9, 525/330.1, 525/64, 525/66

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 7. Document ID: US 5290868 A

L6: Entry 7 of 39

File: USPT

Mar 1, 1994

US-PAT-NO: 5290868

DOCUMENT-IDENTIFIER: US 5290868 A

TITLE: Multifunctional viscosity index improver derived from polyamine containing one primary amine group and at least one secondary amine group and degraded ethylene copolymer

DATE-ISSUED: March 1, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Gutierrez; Antonio	Mercerville	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: 525/285; 508/241, 508/468, 508/507, 525/263, 525/322, 525/324, 525/333.8, 525/333.9, 525/343, 525/381, 525/383

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 8. Document ID: US 5290461 A

L6: Entry 8 of 39

File: USPT

Mar 1, 1994

US-PAT-NO: 5290461

DOCUMENT-IDENTIFIER: US 5290461 A

TITLE: Multifunctional viscosity index improver derived from amido-amine and degraded ethylene copolymer exhibiting improved low temperature viscometric properties (PT-768)

DATE-ISSUED: March 1, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Gutierrez; Antonio	Mercerville	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: 508/241; 508/232, 525/300, 525/301, 585/10, 585/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 9. Document ID: US 5281679 A

L6: Entry 9 of 39

File: USPT

Jan 25, 1994

US-PAT-NO: 5281679

DOCUMENT-IDENTIFIER: US 5281679 A

TITLE: Catalyst and method of broadening polymer molecular weight distribution and increasing polymer tensile impact strength and products made thereof

DATE-ISSUED: January 25, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jejelowo; Moses O.	Kingwood	TX		
Bamberger; Robert L.	Crosby	TX		

US-CL-CURRENT: 526/114; 502/113, 502/152, 526/113, 526/118, 526/119, 526/127, 526/160, 526/348.6, 526/352, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 10. Document ID: US 5262075 A

L6: Entry 10 of 39

File: USPT

Nov 16, 1993

US-PAT-NO: 5262075

DOCUMENT-IDENTIFIER: US 5262075 A

TITLE: Multifunctional viscosity index improver exhibitng improved low temperature viscometric properties

DATE-ISSUED: November 16, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Johnston; John E.	Westfield	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: 508/239; 508/241, 508/454, 508/455, 525/285, 525/291, 525/298, 525/300, 525/301, 525/303, 525/327.6, 525/327.7, 525/329.5, 525/329.6, 525/329.9, 525/330.1, 525/64, 525/66

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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Term	Documents
MULTIMODAL.DWPI,TDBD,EPAB,JPAB,USPT.	1472
MULTIMODALS	0
MULTI.DWPI,TDBD,EPAB,JPAB,USPT.	650801
MULTIS.DWPI,TDBD,EPAB,JPAB,USPT.	40
MODAL.DWPI,TDBD,EPAB,JPAB,USPT.	6106
MODALS.DWPI,TDBD,EPAB,JPAB,USPT.	31
BIMODAL.DWPI,TDBD,EPAB,JPAB,USPT.	4951
BIMODALS	0
BI.DWPI,TDBD,EPAB,JPAB,USPT.	151284
BIS.DWPI,TDBD,EPAB,JPAB,USPT.	220028
\$MODAL	0
((MULTIMODAL OR MULTI MODAL OR BIMODAL OR BI MODAL OR \$MODAL) AND L5).USPT,JPAB,EPAB,DWPI,TDBD.	39

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**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 11 through 20 of 39 returned.**☐ 11. Document ID: US 5252238 A

L6: Entry 11 of 39

File: USPT

Oct 12, 1993

US-PAT-NO: 5252238

DOCUMENT-IDENTIFIER: US 5252238 A

TITLE: Multifunctional viscosity index improver derived from amido-amine exhibiting improved low temperature viscometric properties

DATE-ISSUED: October 12, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Gutierrez; Antonio	Mercerville	NJ		
Johnston; John E.	Westfield	NJ		
Struglinski; Mark J.	Bridgewater	NJ		
Lundberg; Robert D.	Bridgewater	NJ		

US-CL-CURRENT: [508/291](#); [508/241](#), [508/289](#), [508/476](#), [525/301](#), [525/375](#), [525/382](#), [525/386](#)[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ 12. Document ID: US 5244590 A

L6: Entry 12 of 39

File: USPT

Sep 14, 1993

US-PAT-NO: 5244590

DOCUMENT-IDENTIFIER: US 5244590 A

TITLE: Viscosity index improver

DATE-ISSUED: September 14, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: [508/591](#); [508/312](#), [525/333.8](#), [526/318.6](#), [528/502F](#)[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ 13. Document ID: US 5210146 A

L6: Entry 13 of 39

File: USPT

May 11, 1993

US-PAT-NO: 5210146  
DOCUMENT-IDENTIFIER: US 5210146 A

TITLE: Multifunctional viscosity index improver derived from polyamine containing one primary amino group and at least one secondary amino group exhibiting improved low temperature viscometric properties

DATE-ISSUED: May 11, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Gutierrez; Antonio	Mercerville	NJ		
Chung; David Y.	Edison	NJ		

US-CL-CURRENT: 525/301; 508/241, 508/289, 508/291, 508/292, 508/293, 508/454, 525/285, 525/289, 525/322, 525/323, 525/324, 525/327.6, 525/331.7, 525/332.1, 525/379, 525/52

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 14. Document ID: US 5180751 A

L6: Entry 14 of 39

File: USPT

Jan 19, 1993

US-PAT-NO: 5180751  
DOCUMENT-IDENTIFIER: US 5180751 A

TITLE: Polypropylene foam sheets

DATE-ISSUED: January 19, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Park; John J.	Neenah	WI		
Katz; Leon	Stamford	CT		
Gaylord; Norman G.	New Providence	NJ		

US-CL-CURRENT: 521/51; 264/45.1, 264/45.5, 264/51, 264/53, 264/54, 521/134, 521/142, 521/143, 521/144, 521/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 15. Document ID: US 5177147 A

L6: Entry 15 of 39

File: USPT

Jan 5, 1993

US-PAT-NO: 5177147  
DOCUMENT-IDENTIFIER: US 5177147 A

TITLE: Elastomer-plastic blends

DATE-ISSUED: January 5, 1993

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Spenadel; Lawrence	Westfield	NJ		
Grosser; Joel H.	Perth Amboy	NJ		
Dwyer; Stephen M.	Howell	NJ		

US-CL-CURRENT: 525/88; 525/133, 525/155, 525/166, 525/179, 525/193, 525/211, 525/222,  
525/227, 525/239, 525/240, 525/86 , 525/93

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 16. Document ID: US 5167848 A

L6: Entry 16 of 39

File: USPT

Dec 1, 1992

US-PAT-NO: 5167848

DOCUMENT-IDENTIFIER: US 5167848 A

TITLE: Grafted viscosity index improver

DATE-ISSUED: December 1, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Struglinski; Mark J.	Bridgewater	NJ		
Johnston; John E.	Westfield	NJ		

US-CL-CURRENT: 508/293; 508/241, 508/291, 508/452, 508/454, 525/285, 525/291, 525/298,  
525/300, 525/301, 525/303, 525/327.6, 525/327.7, 525/329.5, 525/329.6, 525/329.9,  
525/330.1, 525/64, 525/66

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 17. Document ID: US 5149579 A

L6: Entry 17 of 39

File: USPT

Sep 22, 1992

US-PAT-NO: 5149579

DOCUMENT-IDENTIFIER: US 5149579 A

TITLE: Polypropylene foam sheets

DATE-ISSUED: September 22, 1992

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Park; John J.	Neenah	WI		
Katz; Leon	Stamford	CT		
Gaylord; Norman G.	New Providence	NJ		

US-CL-CURRENT: 428/213; 428/316.6, 428/317.1, 428/319.3, 428/319.7, 521/142, 521/143,  
521/144, 521/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 18. Document ID: US 5118433 A

L6: Entry 18 of 39

File: USPT

Jun 2, 1992

US-PAT-NO: 5118433

DOCUMENT-IDENTIFIER: US 5118433 A

TITLE: Multifunctional viscosity index improver derived from amido-amine and degraded ethylene copolymer exhibiting improved low temperature viscometric properties

DATE-ISSUED: June 2, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Gutierrez; Antonio	Mercerville	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: 508/291, 508/236, 508/241, 508/289, 508/454, 508/459, 525/301, 525/379, 525/382, 525/386, 585/10, 585/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 19. Document ID: US 5116881 A

L6: Entry 19 of 39

File: USPT

May 26, 1992

US-PAT-NO: 5116881

DOCUMENT-IDENTIFIER: US 5116881 A

TITLE: Polypropylene foam sheets

DATE-ISSUED: May 26, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Park; John J.	Neenah	WI		
Katz; Leon	Stamford	CT		
Gaylord; Norman G.	New Providence	NJ		

US-CL-CURRENT: 521/143, 264/321, 264/45.1, 264/45.5, 264/51, 264/53, 264/54, 428/316.6, 428/318.8, 521/134, 521/144, 521/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KVMC	Draw Desc	Image
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☐ 20. Document ID: US 5112510 A

L6: Entry 20 of 39

File: USPT

May 12, 1992

US-PAT-NO: 5112510

DOCUMENT-IDENTIFIER: US 5112510 A

TITLE: Carboxylate polymer and viscosity index improver containing oleaginous compositions

DATE-ISSUED: May 12, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rossi; Albert	Warren	NJ		

US-CL-CURRENT: 508/473, 508/467, 508/468

**WEST**[Generate Collection](#)[Print](#)**Search Results - Record(s) 21 through 30 of 39 returned.**☐ **21. Document ID: US 5068047 A**

L6: Entry 21 of 39

File: USPT

Nov 26, 1991

US-PAT-NO: 5068047

DOCUMENT-IDENTIFIER: US 5068047 A

TITLE: Vissosity index improver

DATE-ISSUED: November 26, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Struglinski; Mark J.	Bridgewater	NJ		

US-CL-CURRENT: 508/239; 508/238, 508/241, 508/454, 508/455, 525/285, 525/301,  
525/327.6, 525/327.7, 525/329.5, 525/329.6, 525/329.9, 525/330.1, 525/64, 525/66[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ **22. Document ID: US 5053151 A**

L6: Entry 22 of 39

File: USPT

Oct 1, 1991

US-PAT-NO: 5053151

DOCUMENT-IDENTIFIER: US 5053151 A

TITLE: Multifunctional viscosity index improver derived from amido-amine exhibiting improved low temperature viscometric properties

DATE-ISSUED: October 1, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Chung; David Y.	Edison	NJ		
Gutierrez; Antonio	Mercerville	NJ		
Johnston; John E.	Westfield	NJ		
Struglinski; Mark J.	Bridgewater	NJ		
Lundberg; Robert D.	Bridgewater	NJ		

US-CL-CURRENT: 508/241; 508/507, 525/301, 525/379, 525/382, 525/386[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KIMC](#) [Draw Desc](#) [Image](#)☐ **23. Document ID: US 5030695 A**

L6: Entry 23 of 39

File: USPT

Jul 9, 1991

US-PAT-NO: 5030695  
DOCUMENT-IDENTIFIER: US 5030695 A

TITLE: End-capped polymer chains, star and graft copolymers, and process of making same

DATE-ISSUED: July 9, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 525/207; 524/571, 524/572, 524/574, 524/576, 524/579, 524/583, 524/585,  
525/221, 525/222, 525/331.7, 525/331.8, 525/333.7, 525/333.9, 525/344, 525/354,  
525/356, 525/386

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 24. Document ID: US 5024785 A

L6: Entry 24 of 39

File: USPT

Jun 18, 1991

US-PAT-NO: 5024785  
DOCUMENT-IDENTIFIER: US 5024785 A

TITLE: Liquid crystal/rigid rodlike polymer modified epoxy/vinyl ester resins

DATE-ISSUED: June 18, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Hefner, Jr.; Robert E.	Lake Jackson	TX		
Haynes; Deborah I.	Freeport	TX		

US-CL-CURRENT: 252/299.01; 252/299.62, 252/299.66, 252/299.68, 525/502, 525/503,  
525/528, 525/531, 526/273, 526/301, 526/323

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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WWW	Draw Desc	Image
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☐ 25. Document ID: US 5013801 A

L6: Entry 25 of 39

File: USPT

May 7, 1991

US-PAT-NO: 5013801  
DOCUMENT-IDENTIFIER: US 5013801 A

TITLE: Molecular weight distribution modification in a tubular reactor

DATE-ISSUED: May 7, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ	07090	
Ju; Shiaw	Edison	NJ	08820	
Verstrate; Gary W.	Matawan	NJ	07747	

US-CL-CURRENT: 526/64; 508/591, 525/197, 525/236, 525/240, 525/52, 525/53, 526/169,  
526/280, 526/348, 526/348.2, 526/66, 526/67, 526/68, 526/72, 526/88, 526/918, 526/922

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 26. Document ID: US 5011891 A

L6: Entry 26 of 39

File: USPT

Apr 30, 1991

US-PAT-NO: 5011891

DOCUMENT-IDENTIFIER: US 5011891 A

TITLE: Elastomer polymer blends

DATE-ISSUED: April 30, 1991

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Spenadel; Lawrence	Westfield	NJ		
Grosser; Joel H.	Perth Amboy	NJ		
Dwyer; Stephen M.	Howell	NJ		

US-CL-CURRENT: 525/211; 525/132, 525/146, 525/154, 525/177, 525/184, 525/222, 525/227,  
525/239, 525/240, 525/88

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 27. Document ID: US 4966722 A

L6: Entry 27 of 39

File: USPT

Oct 30, 1990

US-PAT-NO: 4966722

DOCUMENT-IDENTIFIER: US 4966722 A

TITLE: Oil additive compositions exhibiting reduced haze containing polymeric viscosity index improver

DATE-ISSUED: October 30, 1990

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Smith, Jr.; Marvin F.	Aberdeen	NJ		

US-CL-CURRENT: 508/506; 508/591, 585/12

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMC	Draw Desc	Image
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☐ 28. Document ID: US 4963279 A

L6: Entry 28 of 39

File: USPT

Oct 16, 1990

US-PAT-NO: 4963279

DOCUMENT-IDENTIFIER: US 4963279 A

TITLE: C14-carboxylate polymer and viscosity index improver containing oleaginous

compositions

DATE-ISSUED: October 16, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Rosental; Celio	Rio De Janeiro			BR
Rossi; Albert	Warren	NJ		

US-CL-CURRENT: 508/466; 508/467, 508/468

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMOC	Draw Desc	Image
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☐ 29. Document ID: US 4959436 A

L6: Entry 29 of 39

File: USPT

Sep 25, 1990

US-PAT-NO: 4959436

DOCUMENT-IDENTIFIER: US 4959436 A

TITLE: Narrow MWD alpha-olefin copolymers

DATE-ISSUED: September 25, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 526/348; 525/323, 525/331.7, 526/348.2, 526/348.3, 526/348.4, 526/348.5, 526/348.6, 526/348.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KMOC	Draw Desc	Image
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☐ 30. Document ID: US 4900461 A

L6: Entry 30 of 39

File: USPT

Feb 13, 1990

US-PAT-NO: 4900461

DOCUMENT-IDENTIFIER: US 4900461 A

TITLE: Viscosity modifier polymers (E-98)

DATE-ISSUED: February 13, 1990

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ver Strate; Gary	Atlantic Highlands	NJ		
Bloch; Ricardo	Scotch Plains	NJ		
Struglinski; Mark J.	Bridgewater	NJ		
Johnston; John E.	Westfield	NJ		
West; Roger K.	Montclair	NJ		

US-CL-CURRENT: 508/192; 508/291, 508/293, 508/591



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L6: Entry 31 of 39

File: USPT

Nov 21, 1989

US-PAT-NO: 4882406

DOCUMENT-IDENTIFIER: US 4882406 A

TITLE: Nodular copolymers formed of alpha-olefin copolymers coupled by non-conjugated dienes

DATE-ISSUED: November 21, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: [526/336](#); [525/322](#), [525/323](#), [525/324](#), [526/280](#), [526/283](#), [526/348](#)[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)☐ 32. Document ID: US 4874820 A

L6: Entry 32 of 39

File: USPT

Oct 17, 1989

US-PAT-NO: 4874820

DOCUMENT-IDENTIFIER: US 4874820 A

TITLE: Copolymer compositions containing a narrow MWD component and process of making same

DATE-ISSUED: October 17, 1989

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: [525/240](#); [525/194](#), [525/197](#), [525/198](#), [525/211](#), [525/52](#), [525/53](#)[Full](#) [Title](#) [Citation](#) [Front](#) [Review](#) [Classification](#) [Date](#) [Reference](#) [Sequences](#) [Attachments](#)[KMC](#) [Draw Desc](#) [Image](#)☐ 33. Document ID: US 4843129 A

L6: Entry 33 of 39

File: USPT

Jun 27, 1989

US-PAT-NO: 4843129  
DOCUMENT-IDENTIFIER: US 4843129 A

TITLE: Elastomer-plastic blends

DATE-ISSUED: June 27, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Spenadel; Lawrence	Westfield	NJ		
Grosser; Joel H.	Perth Amboy	NJ		
Dwyer; Stephen M.	Howell	NJ		

US-CL-CURRENT: 525/240; 525/132, 525/146, 525/154, 525/177, 525/184, 525/222, 525/227,  
525/239, 525/52, 525/88

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 34. Document ID: US 4804794 A

L6: Entry 34 of 39

File: USPT

Feb 14, 1989

US-PAT-NO: 4804794  
DOCUMENT-IDENTIFIER: US 4804794 A

TITLE: Viscosity modifier polymers

DATE-ISSUED: February 14, 1989

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Ver Strate; Gary	Atlantic Highlands	NJ		
Bloch; Ricardo	Scotch Plains	NJ		
Struglinski; Mark J.	Bridgewater	NJ		
Johnston; John E.	Westfield	NJ		
West; Roger K.	Montclair	NJ		

US-CL-CURRENT: 585/12; 525/323, 526/169.2, 526/348, 585/350, 585/352, 585/517, 585/522,  
585/523

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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KWIC	Draw Desc	Image
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☐ 35. Document ID: US 4792595 A

L6: Entry 35 of 39

File: USPT

Dec 20, 1988

US-PAT-NO: 4792595  
DOCUMENT-IDENTIFIER: US 4792595 A

TITLE: Narrow MWD alpha-olefin copolymers

DATE-ISSUED: December 20, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 526/348; 525/323, 525/331.7, 526/348.2, 526/348.3, 526/348.4, 526/348.5,  
526/348.6, 526/348.7

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMAC	Draw Desc	Image
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☐ 36. Document ID: US 4789714 A

L6: Entry 36 of 39

File: USPT

Dec 6, 1988

US-PAT-NO: 4789714  
DOCUMENT-IDENTIFIER: US 4789714 A

TITLE: Molecular weight distribution modification in tubular reactor

DATE-ISSUED: December 6, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 526/88; 525/197, 525/236, 525/240, 525/52, 525/53, 526/169.2, 526/280,  
526/348, 526/348.2, 526/64, 526/66, 526/67, 526/72, 526/918, 526/922

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMAC	Draw Desc	Image
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☐ 37. Document ID: US 4786697 A

L6: Entry 37 of 39

File: USPT

Nov 22, 1988

US-PAT-NO: 4786697  
DOCUMENT-IDENTIFIER: US 4786697 A

TITLE: Molecular weight distribution modification in a tubular reactor

DATE-ISSUED: November 22, 1988

INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 526/88; 525/197, 525/236, 525/240, 525/52, 525/53, 526/119, 526/169.2,  
526/280, 526/348, 526/348.2, 526/64, 526/66, 526/67, 526/72, 526/918, 526/922

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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RMAC	Draw Desc	Image
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☐ 38. Document ID: US 4716207 A

L6: Entry 38 of 39

File: USPT

Dec 29, 1987

US-PAT-NO: 4716207

DOCUMENT-IDENTIFIER: US 4716207 A

TITLE: Nodular copolymers comprising narrow MWD alpha-olefin copolymers coupled by non-conjugated dienes

DATE-ISSUED: December 29, 1987

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 526/169.2; 525/331.7, 525/333.7, 526/172, 526/185, 526/280, 526/348

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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NUMC	Draw Desc	Image
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☐ 39. Document ID: US 4540753 A

L6: Entry 39 of 39

File: USPT

Sep 10, 1985

US-PAT-NO: 4540753

DOCUMENT-IDENTIFIER: US 4540753 A

TITLE: Narrow MWD alpha-olefin copolymers

DATE-ISSUED: September 10, 1985

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
VerStrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 526/88; 526/169.2, 526/280, 526/290, 526/64, 526/72, 526/916, 526/922

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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NUMC	Draw Desc	Image
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<u>L1</u>	polypropylene or poly propylene or (polymer with propylene) or (copolymer with propylene)	308068	<u>L1</u>
<u>L2</u>	(multimodal or multi modal or bimodal or bi modal) with L1	104	<u>L2</u>
<u>L3</u>	(melt dispersion index or polydispersity or molecular weight distribution) same L2	52	<u>L3</u>
<u>L4</u>	("Mz/Mn" or weight distribution breadth) same L2	0	<u>L4</u>
<u>L5</u>	(melt dispersion index or polydispersity or molecular weight distribution) and L2	72	<u>L5</u>
<u>L6</u>	("Mz/Mn" or weight distribution breadth) and L2	0	<u>L6</u>
<u>L7</u>	"z" average molecular weight	500	<u>L7</u>
<u>L8</u>	L5 and L7	9	<u>L8</u>

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L8: Entry 1 of 9

File: USPT

Jul 28, 1998

US-PAT-NO: 5786403

DOCUMENT-IDENTIFIER: US 5786403 A

TITLE: Foamable olefin thermoplastic elastomer compositions and foamed products thereof

DATE-ISSUED: July 28, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Okada; Keiji	Ichihara			JP
Yamaoka; Hiroyasu	Ichihara			JP
Uchiyama; Akira	Ichihara			JP

US-CL-CURRENT: 521/134; 521/139, 521/140, 521/92, 521/97, 525/232, 525/240

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☐ 2. Document ID: US 5731362 A

L8: Entry 2 of 9

File: USPT

Mar 24, 1998

US-PAT-NO: 5731362

DOCUMENT-IDENTIFIER: US 5731362 A

TITLE: High melt strength, propylene polymer, process for making it, and use thereof

DATE-ISSUED: March 24, 1998

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Scheve; B. Joseph	New Castle County	DE		
Mayfield; John W.	New Castle County	DE		
DeNicola, Jr.; Anthony J.	New Castle County	DE		

US-CL-CURRENT: 521/142; 521/134, 521/143, 521/144, 521/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	KWC	Draw Desc	Image
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☒ 3. Document ID: US 5281679 A

L8: Entry 3 of 9

File: USPT

Jan 25, 1994

US-PAT-NO: 5281679

DOCUMENT-IDENTIFIER: US 5281679 A

TITLE: Catalyst and method of broadening polymer molecular weight distribution and increasing polymer tensile impact strength and products made thereof

DATE-ISSUED: January 25, 1994

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Jejelowo; Moses O.	Kingwood	TX		
Bamberger; Robert L.	Crosby	TX		

US-CL-CURRENT: 526/114; 502/113, 502/152, 526/113, 526/118, 526/119, 526/127, 526/160, 526/348.6, 526/352, 526/943

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments	Claims	RWMC	Draw Desc	Image
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☒ 4. Document ID: US 5180751 A

L8: Entry 4 of 9

File: USPT

Jan 19, 1993

US-PAT-NO: 5180751

DOCUMENT-IDENTIFIER: US 5180751 A

TITLE: Polypropylene foam sheets

DATE-ISSUED: January 19, 1993

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Park; John J.	Neenah	WI		
Katz; Leon	Stamford	CT		
Gaylord; Norman G.	New Providence	NJ		

US-CL-CURRENT: 521/51; 264/45.1, 264/45.5, 264/51, 264/53, 264/54, 521/134, 521/142, 521/143, 521/144, 521/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 5. Document ID: US 5149579 A

L8: Entry 5 of 9

File: USPT

Sep 22, 1992

US-PAT-NO: 5149579

DOCUMENT-IDENTIFIER: US 5149579 A

TITLE: Polypropylene foam sheets

DATE-ISSUED: September 22, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Park; John J.	Neenah	WI		
Katz; Leon	Stamford	CT		
Gaylord; Norman G.	New Providence	NJ		

US-CL-CURRENT: 428/213; 428/316.6, 428/317.1, 428/319.3, 428/319.7, 521/142, 521/143, 521/144, 521/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☐ 6. Document ID: US 5116881 A

L8: Entry 6 of 9

File: USPT

May 26, 1992

US-PAT-NO: 5116881

DOCUMENT-IDENTIFIER: US 5116881 A

TITLE: Polypropylene foam sheets

DATE-ISSUED: May 26, 1992

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Park; John J.	Neenah	WI		
Katz; Leon	Stamford	CT		
Gaylord; Norman G.	New Providence	NJ		

US-CL-CURRENT: 521/143; 264/321, 264/45.1, 264/45.5, 264/51, 264/53, 264/54, 428/316.6, 428/318.8, 521/134, 521/144, 521/79

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 7. Document ID: US 5013801 A

L8: Entry 7 of 9

File: USPT

May 7, 1991

US-PAT-NO: 5013801

DOCUMENT-IDENTIFIER: US 5013801 A

TITLE: Molecular weight distribution modification in a tubular reactor

DATE-ISSUED: May 7, 1991

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ	07090	
Ju; Shiao	Edison	NJ	08820	
Verstrate; Gary W.	Matawan	NJ	07747	

US-CL-CURRENT: 526/64; 508/591, 525/197, 525/236, 525/240, 525/52, 525/53, 526/169, 526/280, 526/348, 526/348.2, 526/66, 526/67, 526/68, 526/72, 526/88, 526/918, 526/922

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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☒ 8. Document ID: US 4789714 A

L8: Entry 8 of 9

File: USPT

Dec 6, 1988

US-PAT-NO: 4789714

DOCUMENT-IDENTIFIER: US 4789714 A

TITLE: Molecular weight distribution modification in tubular reactor

DATE-ISSUED: December 6, 1988



## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 526/88; 525/197, 525/236, 525/240, 525/52, 525/53, 526/169.2, 526/280,  
526/348, 526/348.2, 526/64, 526/66, 526/67, 526/72, 526/918, 526/922

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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9. Document ID: US 4786697 A

L8: Entry 9 of 9

File: USPT

Nov 22, 1988

US-PAT-NO: 4786697

DOCUMENT-IDENTIFIER: US 4786697 A

TITLE: Molecular weight distribution modification in a tubular reactor

DATE-ISSUED: November 22, 1988

## INVENTOR-INFORMATION:

NAME	CITY	STATE	ZIP CODE	COUNTRY
Cozewith; Charles	Westfield	NJ		
Ju; Shiaw	Edison	NJ		
Verstrate; Gary W.	Matawan	NJ		

US-CL-CURRENT: 526/88; 525/197, 525/236, 525/240, 525/52, 525/53, 526/119, 526/169.2,  
526/280, 526/348, 526/348.2, 526/64, 526/66, 526/67, 526/72, 526/918, 526/922

Full	Title	Citation	Front	Review	Classification	Date	Reference	Sequences	Attachments
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